Figure 1

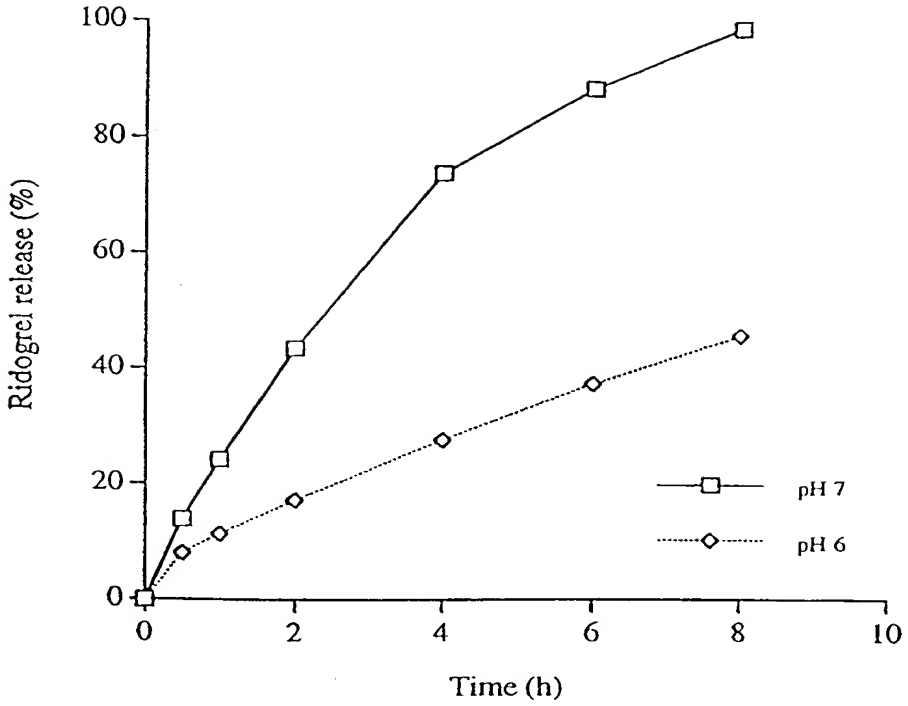
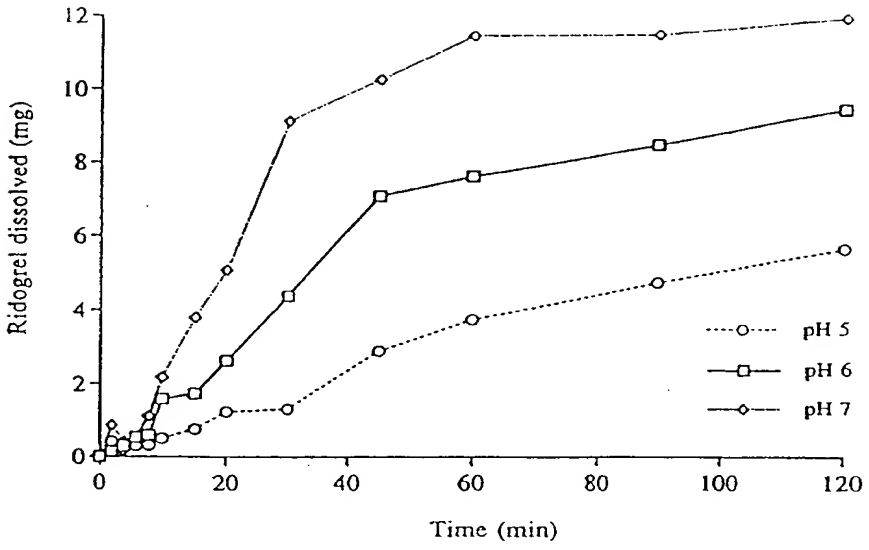


Figure 2

a)


Ridogrel dissolved (mg)
Time (min)
pH 5
pH 6
pH 7
0
2
4
6
8
10
12
0
20
40
60
80
100
120

b)

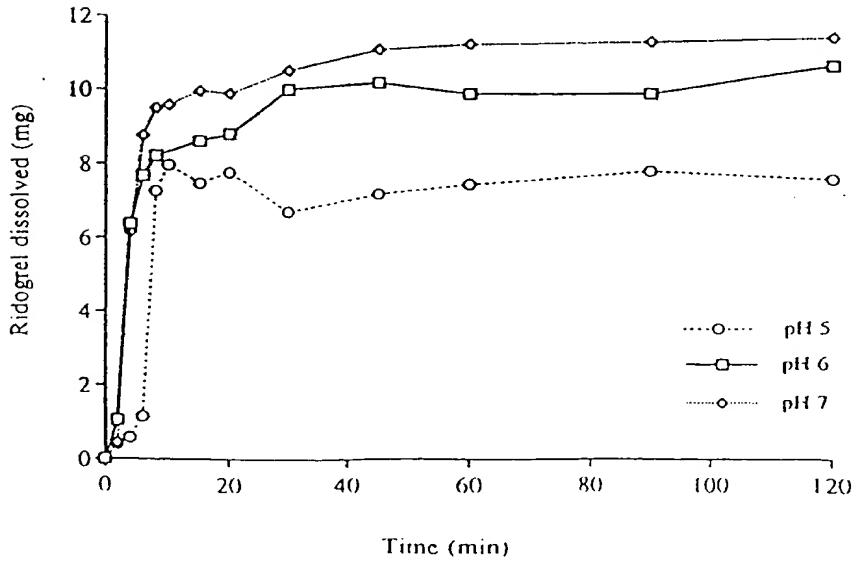

Ridogrel dissolved (mg)
Time (min)
pH 5
pH 6
pH 7
0
2
4
6
8
10
12
0
20
40
60
80
100
120

Figure 3

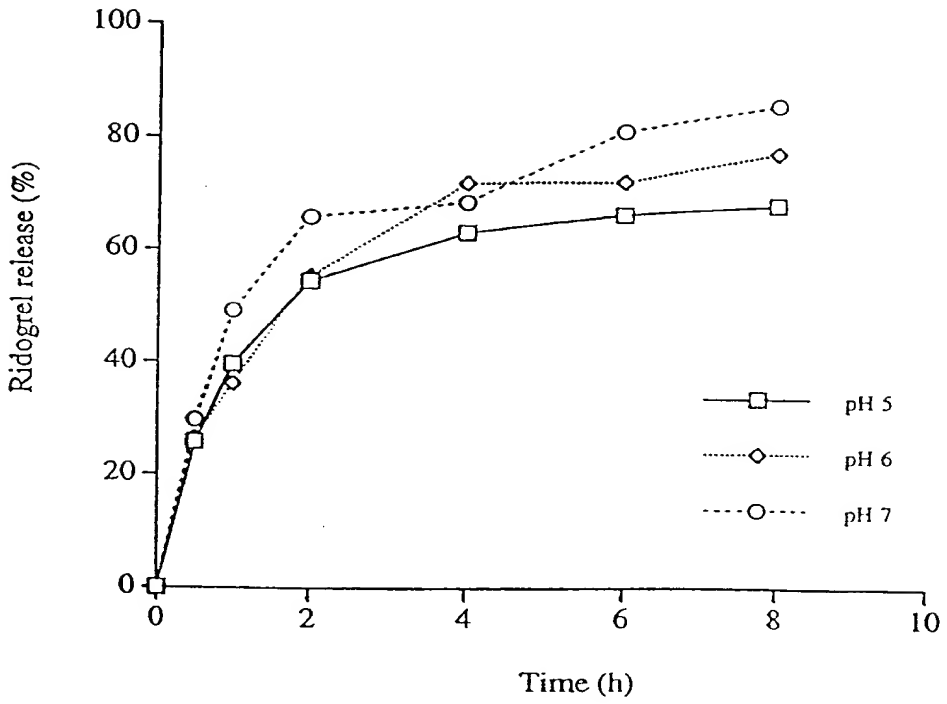


Figure 4

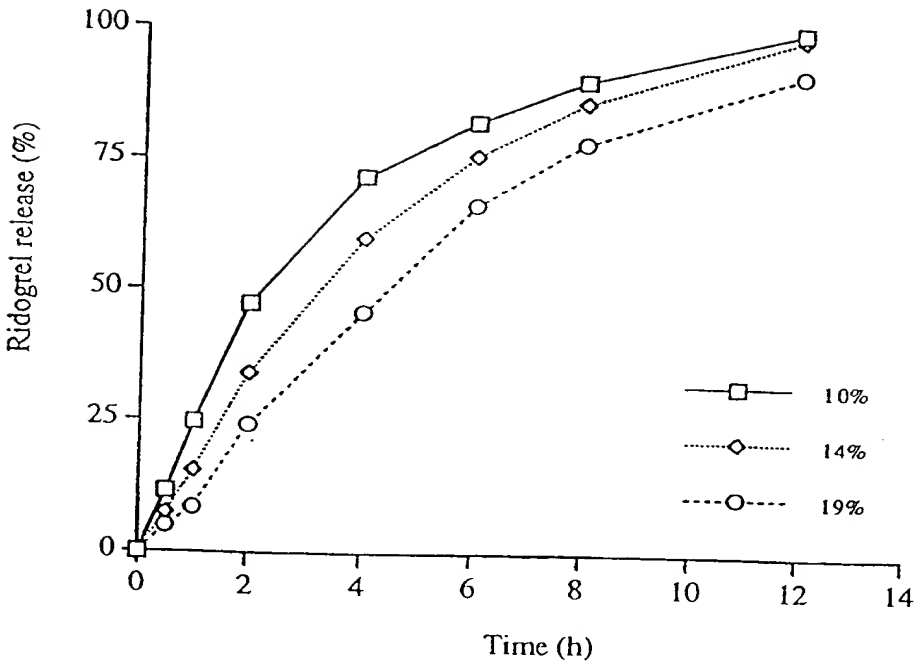


Figure 5

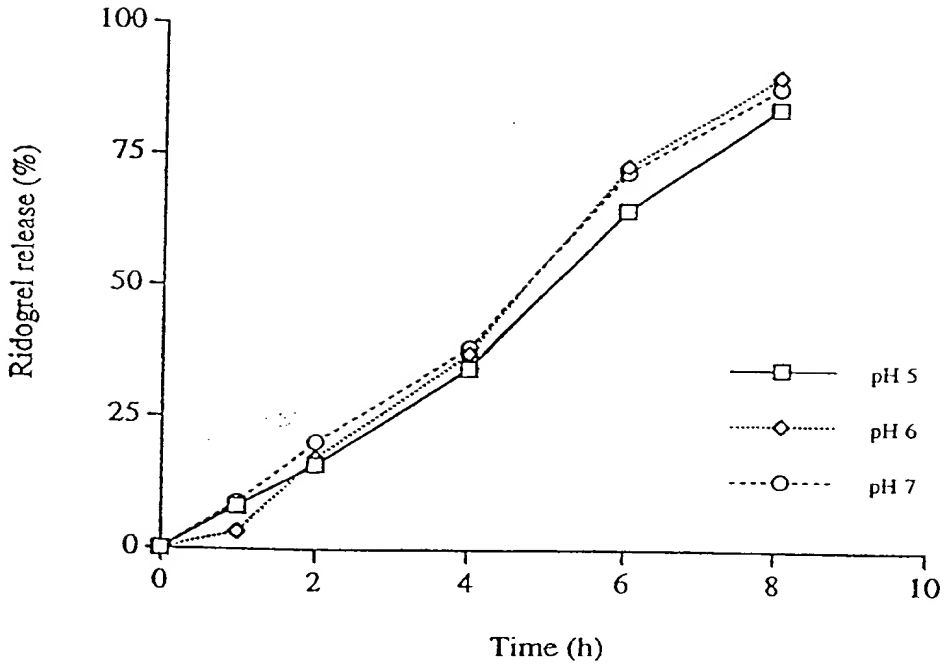


Figure 6

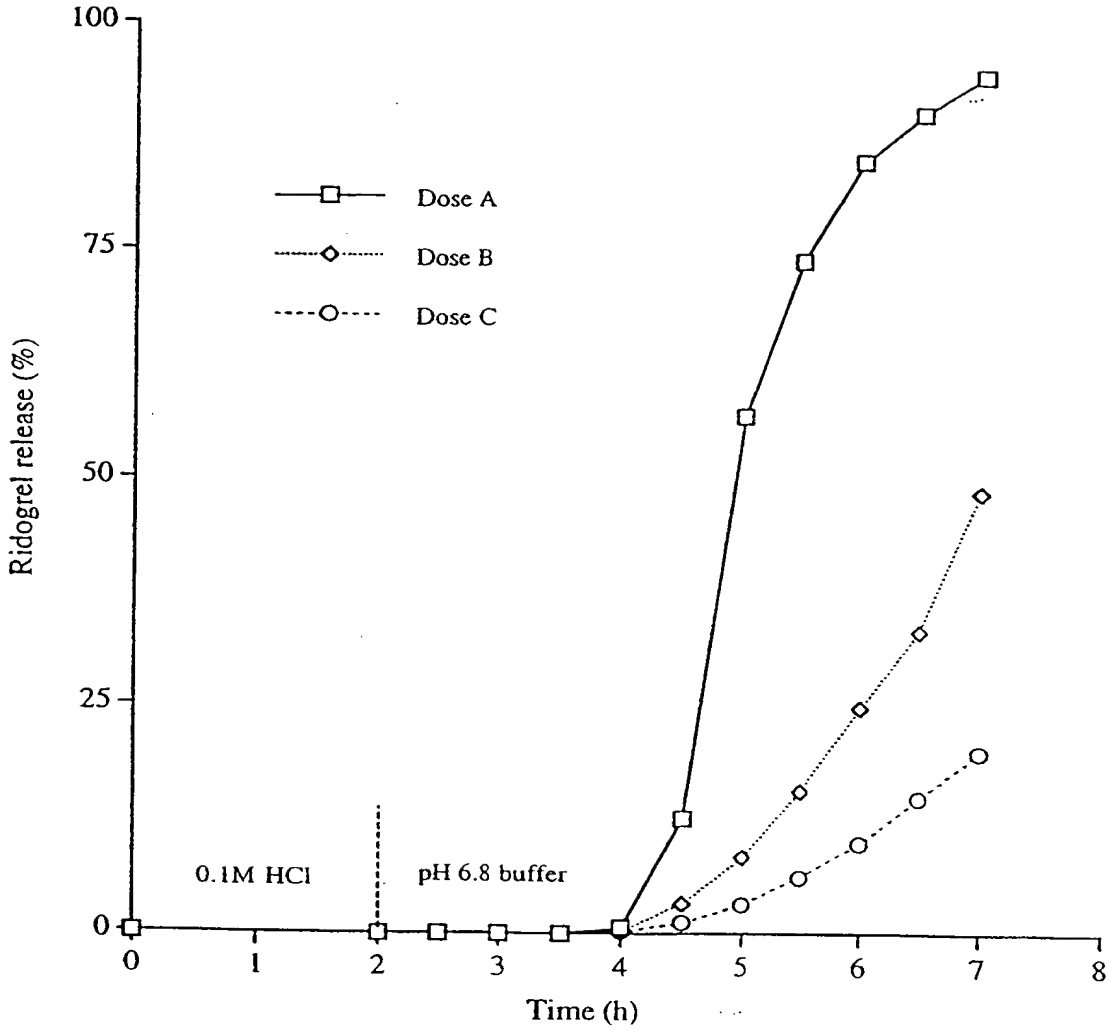
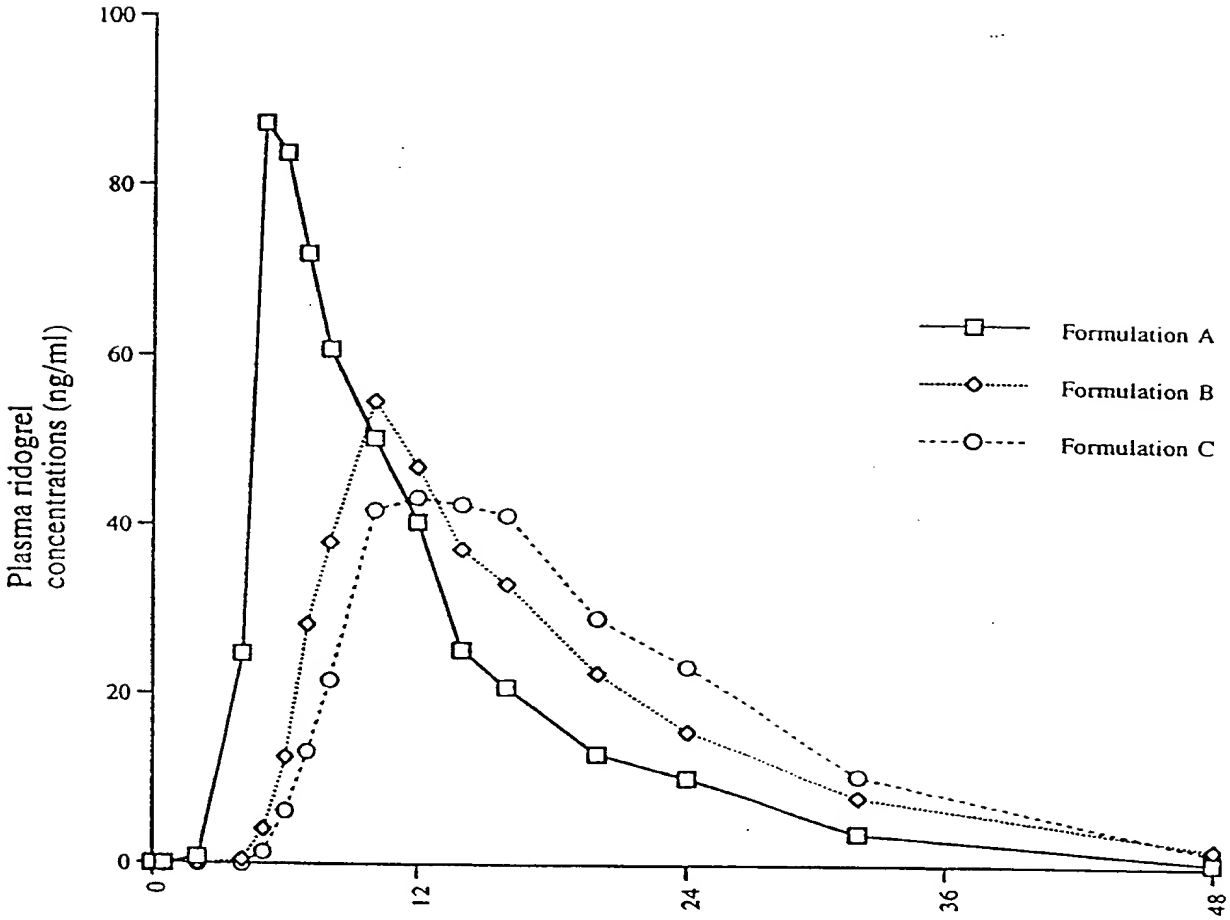

100
75
50
25
0
Ridogrel release (%)
Dose A
Dose B
Dose C
0.1M HCl
pH 6.8 buffer
0
1
2
3
4
5
6
7
8
Time (h)

Figure 7


Plasma ridogrel concentrations (ng/ml)
100
80
60
40
20
0
0
12
24
36
48
Time (h)
Formulation A
Formulation B
Formulation C